

Title (en)
Pull-on disposable diaper

Title (de)
EINWEGWINDEL VOM HÖSCHENTYP

Title (fr)
COUCHE JETABLE DE TYPE CULOTTE

Publication
EP 1495739 A1 20050112 (EN)

Application
EP 03712685 A 20030313

Priority
• JP 0303017 W 20030313
• JP 2002083560 A 20020325

Abstract (en)
A pull-on disposable diaper 1 has front and rear waist covering regions 6, 7 and a crotch covering region 8 wherein a bodily discharge absorbing component 3 extends over the crotch covering region 8 into the front and rear waist covering regions 6, 7. In the crotch covering region 8, the bodily discharge absorbing component 3 is folded inward along first, second and third folding guides in a transverse direction of the absorbing component 3. A pair of flaps 25 are formed along transversely opposite lateral side edges 26 of the bodily discharge absorbing component 3. In each of the flaps 25, a first lateral marginal edge extending along the associated lateral edge 26 is bonded to an outer surface of the bodily discharge absorbing component 3 and a second lateral marginal edge lies on the side of an inner surface of the absorbing component 3. An elastic member 41 is attached to the flap 25 in a stretched state in a longitudinal direction of the flap 25. <IMAGE>

IPC 1-7
A61F 13/49

IPC 8 full level
A61F 13/494 (2006.01); **A61F 5/44** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/496** (2006.01); **A61F 13/511** (2006.01)

CPC (source: EP KR US)
A61F 5/44 (2013.01 - KR); **A61F 13/00** (2013.01 - KR); **A61F 13/49** (2013.01 - KR); **A61F 13/49001** (2013.01 - EP US); **A61F 13/4942** (2013.01 - EP US); **A61F 13/4946** (2013.01 - EP US); **A61F 13/496** (2013.01 - EP US); **A61F 13/5323** (2013.01 - EP US); **A61F 2013/4568** (2013.01 - EP US)

Cited by
EP1543805A4; EP1547557A4; EP1584311A4; EP3357465A4; US11510829B2; US9713557B2; US9649232B2; US10449097B2; US10071002B2; US10137039B2; US7888549B2; US11090199B2; EP1413271A4; US10245188B2; US10322040B2; US10639215B2; US11000422B2; US9974699B2; US10470948B2; US11123240B2; US11793682B2; US10022280B2; US12016761B2; US9713556B2; US10507144B2; US10736795B2; US11918445B2; US9987176B2; US10130525B2; US10632029B2; US10736794B2; US11110011B2; US11406544B2; US11759376B2; US9789009B2; US10543129B2; US10675187B2; US10828206B2; US11191679B2; US11207220B2; US11497657B2; US11957551B2; US9668926B2; US9763835B2; US9789011B2; US10004647B2; US10292875B2; US10335324B2; US10660800B2; US10765567B2; US10813794B2; US11135096B2; US11234868B2; US11612523B2; US10130527B2; US10149788B2; US10517777B2; US10893987B2; US11154437B2; US11944526B2; US10561546B2; US10842690B2; US11135105B2; US11602467B2; US11911250B2

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